	Application No.	Applicant(s)
Notice of Allowability	10/663,434	BECKMANN ET AL.
	Examiner	Art Unit
	Thuy V. Tran	2821
The MAILING DATE of this communication apperation allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	ears on the cover sheet with the (OR REMAINS) CLOSED in this or other appropriate communica GHTS. This application is subject and MPEP 1308.	e correspondence address application. If not included tion will be mailed in due course. THIS
1. This communication is responsive to <u>09/16/2003 & Intervie</u>	<u>w held on 09/27/2004</u> .	
2. The allowed claim(s) is/are <u>1-27</u> .		
3. The drawings filed on 16 September 2003 are accepted by	the Examiner.	
 4. Acknowledgment is made of a claim for foreign priority una a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" on oted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. A SUBSTITUTE OATH OR DECLARATION must be submit the priority and particular to the priority and	been received. been received in Application No cuments have been received in the communication to file a report of this application.	his national stage application from the ply complying with the requirements
INFORMAL PATENT APPLICATION (PTO-152) which give 6. CORRECTED DRAWINGS (as "replacement sheets") mus	·	aration is deficient.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached		
1) hereto or 2) to Paper No./Mail Date		
(b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the		
7. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT I		
Attachment(s)	_	
1. Notice of References Cited (PTO-892)		al Patent Application (PTO-152)
 Notice of Draftperson's Patent Drawing Review (PTO-948) ✓ Information Disclosure Statements (PTO-1449 or PTO/SB/0 	_ Paper No./Mail	 6. ☑ Interview Summary (PTO-413), Paper No./Mail Date <u>092704</u>. 7. ☑ Examiner's Amendment/Comment
Paper No./Mail Date <u>09162003</u> 4. ☐ Examiner's Comment Regarding Requirement for Deposit	8. X Examiner's State	ement of Reasons for Allowance
of Biological Material	9.	Thuy V. Tran Examiner Art Unit: 2821

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DETAILED ACTION

This is a response to the Applicants' filing on September 16th, 2003 and the telephone interview held on September 27th, 2004. In virtue of this filing and this telephone interview, claims 1-27 are currently presented in the instant application.

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. James R. Crawford on September 27th, 2004. The amendment includes:

For the title:

Change the original title to --PLASMA SOURCE WITH RELIABLE IGNITION--;

In the Abstract:

Line 1, delete "means of";

In the claims:

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Claim 1, line 4, delete "can"; and change "flow" to -flows--;
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Claim 10, line 1, change "A" to --The--;

Claim 10, line 2, delete "the" (first occurrence);

Claim 11, line 1, change "A" to --The--;

Claim 11, line 2, delete "the" (first occurrence);

Claim 12, line 1, change "A" to --The--;

Claim 12, line 2, delete "the" (first occurrence);

Claim 20, lines 1-2, delete "assumes the function of the plate and";

Claim 21, lines 1-2, delete "assumes the function of the plate and";

Claim 24, line 1, change "the" (first occurrence) to --a--;

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Claim 24, line 2, change "the" (first occurrence) to --a--;

Claim 25, line 2, change "the" (second occurrence) to --a--;

Claim 26, line 1, change "0,1" to --0.1--;

Claim 27, line 1, change "the" (second occurrence) to --a--; and

Claim 27, line 2, change "the" (first occurrence) to --a--; and delete "the" (second occurrence).
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Allowable Subject Matter

2. Claims 1-27 are allowed.

Reasons for Allowance

3. The following is an examiner's statement of reasons for allowance:

Prior art fails to disclose or fairly suggest a plasma source comprising a plate at a spacing from a wall of the chamber, with this plate comprising throughbores through which gas flows into a plasma volume, whereby this plate forms with the wall of the chamber a closed volume and a gas inlet is provided in this wall; wherein the plate is connected with the wall via an electric insulation and that an electric voltage source is provided between the plate and the wall, in combination with the remaining claimed limitations as called for in independent claim 1 (claims 2-27 are allowed since they are dependent on claim 1).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Citation of relevant prior art

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

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Prior art Lai et al. (U.S. Patent No. 6,755,150) discloses a multi-core transformer plasma source.

Prior art Hanawa et al. (U.S. Patent No. 6,551,446) discloses a plasma reactor for processing a workpiece.

Prior art Hanawa et al. (U.S. Patent No. 6,453,842) discloses a plasma chamber for processing a substrate.

Prior art Jurgensen et al. (U.S. Patent No. 6,261,406) discloses a confinement device.

Prior art Maeno et al. (U.S. Patent No. 6,060,836) discloses a plasma generating apparatus.

Prior art Asmussen et al. (U.S. Patent No. 5,311,103) discloses an apparatus for the coating material.

Prior art Tanaka et al. (U.S. Patent No. 4,970,435) discloses a plasma processing apparatus.

Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuy V. Tran whose telephone number is (571) 272-1828. The examiner can normally be reached on M-F (8:00 AM -5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on (571) 272-1834. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thuy V. Tran Examiner Art Unit 2821

Mungh

09/27/2004